

SHERDAKOV, N.I., dotsent; GORYACHEVA, Ye.M., starshiy prepodavatel';
NIKIFOROV, A.F., dotsent; STEFANOV, D., prof.;
TAL'MAN, P.N., dotsent

Discussing general biological problems. Nauch. trudy LTA
no.99:117-120 '62. (MIRA 17:1)

1. Zaveduyushchiy kafedroy dialekticheskogo i istoricheskogo materializma Leningradskoy ordena Lenina lesotekhnicheskoy akademii imeni Kirova (for Sherdakov).
2. Kafedra dialekticheskogo i istoricheskogo materializma Leningradskoy ordena Lenina lesotekhnicheskoy akademii imeni S.M. Kirova (for Goryacheva). 3. Vsesoyuznyy zaochnyy lesotekhnicheskiy institut (for Nikiforov).

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549220016-1

APANASOV, V.A.; SHEREMET', V.M.

Spring-type strain gauge for measuring flexures. Izm.tekh. no.9:59
(MIRA 18:10)
S 165.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549220016-1"

SHERDUKALOVA, L.F.

MEYTINA, R.A., kandidat biologicheskikh nauk (Moskva, ul, Krapotkina, d.26 kv.3); SHERDUKALOVA, L.F.

Importance of studies on gas exchange and blood gases in mitralstenosis. Vest.khir. 78 no.1:17-26 Ja '57. (MIRA 10:3)

l. Iz laboratorii Fiziologii dykhaniya i krovoobrashcheniya Instituta grudnoy khirurgii AMN SSSR (dir. - prof. A.N.Bakulev)
(MITRAL STENOSIS, blood in gas level & exchange)

PIPIYA, V.I. (Moskva, Smolenskiy bul'var, d.3/5, kv.85); SHERDUKALOVA, L.P.

Changes in arterial oxygen saturation during pericardectomy through the double pleural approach [with summary in English, p.159]. Vest. khir. 78 no.5:74-79 My '57. (MIRA 10:7)

1. Iz laboratori fiziologi dykhaniya i krovoobrashcheniya Instituta grudnoy khirurgii AMN SSSR (dir. - prof. A.N.Bakulev) i fakul'tetskoy khirurgicheskoy kliniki im. S.I.Spasokukotskogo (dir. - prof. A.N. Bakulev) 2-go Moskovskogo meditsinskogo instituta

(PERICARDIUM, surg.

pericardectomy, eff. on arterial oxygen saturation)

(OXYGEN, in blood

level changes in pericardectomy)

SHERDUKALOVA, L.F.

Changes in the excretion of carbon dioxide and arterialization of
the blood at different stages of surgery of congenital heart defects.
Eksper. khir. 5 no.4:24-29 Je-Ag '60. (MIRA 13:12)
(HEART—SURGERY) (BLOOD—OXYGEN CONTENT)

SHERDUKALOVA, L.F., Cand. Med. Sci., — (diss) "Changes of saturation of arterial blood with oxygen and the content of carbon monoxide in the expired air during operations on patients with "blue-baby type" congenital heart defects," Moscow, 1961, 16 pp (Academy of Medical Sciences USSR) 250 copies (KL-Supp 9-61, 193)

SHERDUKALOVA, L.F. (Moskva, Raushskaya nab., d.4/5, kv.188)

Some characteristics of oxygen deficiency during caval-pulmonary anastomosis. Grud. khir. 1 no.4:35-44 Jl-Ag '59. (MIRA 15:3)

1. Iz laboratorii po izucheniyu gazoobmena Instituta grudnoy khirurgii AMN SSSR (dir. - prof. A.A. Busalov, nauchnyy rukovoditel' - akademik A.N. Bakulev).

(ANOXEMIA)

(PULMONARY ARTERY--SURGERY)

(VENA CAVA--SURGERY)

NOVIK, M.G.; FEDOROV, L.N.; SHERDUKALOVA, L.F.

Immediate method of determining the tension of oxygen and
carbon dioxide in arterial blood. Zhur. eksp. i klin. med.
(MIRA 16:10)
3 no.2: 71-76'63.

1. Institut eksperimental'noy biologii i meditsiny Sibirskogo
otdeleniya AN SSSR.
(BLOOD, GASES IN)

MEYTINA, R.A.; MIRONOVA, Ye.I.; NISNEVICH, E.D.; SHAPOVALOVA, V.Ya.;
SHERDUKALOVA, L.F.

New methodology for the determination of acid-base equilibrium
of the organism and its use in open-heart surgery. Eksper.
khir. i anest. 7 no.5:29-36 S-O '62. (MIRA 17:10)

1. Iz laboratorii funktsional'noy diagnostiki (zav. G.G.
Gel'steyn) Instituta serdechno-sosudistoy khirurgii (dir.-
prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akademik
A.N. Bakulev) AMN SSSR.

NOVIK, M.G. (Novosibirsk, Akademicheskaya ul., d.2-b, kv.2); FEOFILOV, G.L.;
SHERDUKALOVA, L.F.; AZBEL', D.I.

Clinical aspects of anesthesia in bronchial examinations. Vest. khir.
92 no.3:116-121 Mr '64. (MIRA 17:12)

1. Iz anesteziologicheskogo otdeleniya (zav. - Ye.I.Stadnikova),
legochnogo otdeleniya (zav. - dotsent M.I.Perel'man) i laboratorii
klinicheskoy fiziologii (zav. - T.S.Vinogradova) Instituta eksperi-
mental'noy biologii i meditsiny (dir. - prof. Ye.N.Meshalkin)
Sibirsckogo otdeleniya AN SSSR.

MIRAKYAN, A.L.; SHERDUKALOVA, L.F.; OGANEZYAN, L.S.; ADAMYAN, K.G.

Analysis of complications during and after mitral commissurotomy
as related to the functional state of the cardiovascular system.
Izv. AN Arm. SSR. Biol. nauki 18 no.9:67-75 S '65.

(MIRA 18:12)

I. Institut kardioligii i serdechnoy khirurgii AMN SSSR. Submitted
May 24, 1965.

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CIA-RDP86-00513R001549220016-1

Exhibition; 193KC, L.

Exhibition in Karachi. Sov.foto 17 no.2/56 Jl '52. (U.S. 10:8)
(Karachi, Pakistan--Photography--Exhibitions)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549220016-1"

SHERDYUKOV, Ya.I., inzhener

Geology in the service of the construction of Moscow. Gor. khoz.
Mosk. 29 no.6:31-32 Je '55. (MLRA 8:8)
(Moscow--Engineering geology)

SHERDYUKOV, Ya.I., inzhener; KOSTYAKOV, N.I., inzhener.

Improving methods of testing structures and materials. Gor.khoz.
Mosk. 30 no.4:29-31 Ap '56. (MLRA 9:8)
(Building materials--Testing)

SHERDYUKOV, Ya. I.

New extensible indicator for controlling deformations in walls of
apartment houses and industrial buildings. Ger. khuz. Mosk, 31 no.3:
35 Mr '57. (Measuring instruments) (Walls) (MLRA 10:4)

SHERDYUKOV, Ya.I.; PLINER, D.S.

Using vibration methods in boring holes for engineering geology
research. Osn., fund. i mekh. grun. no.2:23-25 '59.

(MIRA 12:7)

(Vibrators) (Boring machinery)

MIROSHNIKOV, Vladimir Semenovich; ZAKHAROV, V.K., prof., red.;
SHERDYUKOVA, S.I., red.; BELEN'KAYA, I.Ye., tekhnred.

[Methods of field work in forest valuation] Metodika
provedeniia uchebnoi praktiki po taksatsii lesa. Pod red.
V.K.Zakharova. Minsk, Izd-vo Belgosuniv. im. V.I.Lenina,
1960. 40 p. (MIRA 14:4)
(Forests and forestry--Valuation)

SIMONOV, Vyacheslav Grigor'yevich SHERDYUKOVA, S.I., red.

[Special theory of relativity and the electromagnetic field] Spetsial'naia teoriia otnositel'nosti i elektromagnitnoe pole. Minsk, Vysshiaia shkola, 1965. 181 p.
(MIRA 18:9)

GURSKIY, Yevgeniy Ivanovich; YERSHOVA, Vera Vasil'yevna; IVANOVA, I.L.
retsenzent; KIR'YANOVA, V.M., retsenzent; NAKHIMOVSKAYA, A.N.,
retsenzent; KOLOBOV, A.M., retsenzent; CHERKAS, L.A.,
retsenzent; SHERDYUKOVA, S.I., red.

[Fundamentals of linear algebra and analytic geometry] Osnovy
lineinoi algebry i analiticheskaiia geometriia. Minsk, Vys-
shain shkola, 1965. 262 p. (MIRA 18:9)

SHAREDENKA, Ivan Andreyevich; RAKHNEYEV, Aleksandr Aleksandrovich; MAKSYMOWICH,
A.G., redaktor; SUDAK, D.M., tekhnicheskij redaktor

[Trade in fish and fish products]. Torgovlia ryboi i rybonymi tovarami.
Moskva, Gos.izd-vo torg.lit-ry, 1957. 207 p. (MLRA 10:10)
(Fishery products)

SHEREDEKA, I.A.

"Fish Trade."

Report presented at the FAO Seminar and Study Tour for Fishery Administrators
from the Indo-Pacific and Mediterranean Regions, Moscow 11 Sep - 14 Oct 1961.

LIKHVAR', D.F. [Lykhvar, D.F.]; SHEREDEKO, O.Ye. [Sheredeko, O.IE]

Simultaneous maturation of male and female hemp plants. Pratsi
Inst. agrobiol. AN URSR 4:34-49 '54. (MIRA 11:7)
(Hemp)

SHEREDKO, O.E.

USSR/Cultivated Plants - Technical Oleaceae, Sugar Plants

M-7

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1673

Author : D.F. Likhvar, E.V. Teplitskaya, O.E. Sheredeko
Inst : Not Given
Title : On Cultivating the Olive Milkwort [Euphorbia]

Orig Pub : Pratsi In-tu agrobiol., AN URSR, 1957, 7, 92-102

Abstract : In the Kiev Botanical garden of the Academy of Sciences Ukrainian SSR, a variety of olive milkwort (*Euphorbia lathyris* L.) was cultivated. Planting took place in the autumn 20-30 days before the freezing of the soil. Its seeds contain 40-50% oil, and its kernels 65-70%. The yield of seeds averages 15 centners per hectare, but can reach 30 c/h. The amount of oil yield approaches that of the sunflower. The oil contains a great deal of oleic acid which permits its use in the textile and perfume industry. It can also be used in the soap manufacturing industry, but it is unfit for lubrication and the preparation of drying oil. The nutritive properties of the oil have not been studied as yet. The plants and seeds are toxic which makes the commerical introduction of the plant difficult.

Card : 1/1

SHEREDKO, V.M., inzh.; LOZHESHNIK, V.K., inzh.; ASKINAZI, Z.M., inzh.

Improved methods of removing samples of oils and fats. Masl.-zhir.
prom. 24 no. 6:41 '58. (MIRA 11:7)

1. Kuybyshevskiy zhirovoy kombinat(for Sheredko, Lozhezhnik).
2. Leningradskiy zavod "Salolin" (for Askinazi).
(Oils and fats)

SHEREDEKO, V.M., inzh.; GULYAYEVA, A.G., inzh.

Two-stage filtration of fats without intermediate receiver.
Masl.-zhir. prom. 24 no.10:38-39 '58. (MIRA 11:10)

1. Kuybyshevskiy zhirovoy kombinat.
(Kuybyshev--Filters and filtration) (Kuybyshev--Oil and fats)

SHERED'KO, Ye.Yu.

Effect of periodic irregularities of the field phase in the aperture of an antenna on its directional properties. Radiotekhnika 14
no.2:17-24 F '59. (MIRA 12;1)
(Radio--Antennas)

ACCESSION NR: AT4031804

8/0000/62/000/000/0120/0125

AUTHORS: Shered'ko, Ye. Yu. (Candidate of technical sciences)

TITLE: Directional properties of surface antennas with cubic phase distortion

SOURCE: Nauchno-tehnicheskoye obshchestvo radiotekhniki i elektronika. Radioelektronika v narodnom khozyaystve SSSR (Radio electronics in the U.S.S.R. national economy); sbornik trudov nauchno-tekhn. konferentsiy. Kuyby*shev, 1962, 120-125

TOPIC TAGS: antenna directivity, antenna lobe, antenna patern, phase distortion, antenna configuration

ABSTRACT: Assuming a sinusoidal amplitude distribution and a cubic phase distribution, an expression is obtained for the directivity of a surface antenna without allowance for the directional properties of the radiating elements themselves. The expression reduces to

Card 1/2

ACCESSION NR: AT4031804

a sum of modified Bessel functions, and are claimed to be simpler than the formulas published in the literature and to yield results which coincide numerically with the published data in the case of a uniform amplitude. In the case of a cosinusoidal amplitude the results obtained are somewhat different. The advantage of the resultant formulas lies in the availability of tables and plots of the modified Bessel functions, which can also yield data on the positions of the extremal points in the directivity characteristics and the side-lobe levels. Orig. art. has: 5 figures and 13 formulas.

ASSOCIATION: None

SUBMITTED: 0000062 DATE ACQ: 17Apr64 ENCL: 00

SUB CODE: EC NR REF Sov: 003 OTHER: 000

Card 2/2

L 6398-66 EWT(1)/FCS(k) WR
ACC NR: AP5020924

SOURCE CODE: UR/0142/65/008/003/0322/0329

AUTHOR: Shered'ko, Ye. Yu. 44

42

ORG: none

Q3

TITLE: Calculation of the directional properties of surface antennas with linear, quadratic, and cubic phase distortions

SOURCE: IVUZ. Radiotekhnika, v. 8, no. 3, 1965, 322-329

25B, 47

TOPIC TAGS: antenna theory, phase analysis, phased array antenna, antenna directivity

ABSTRACT: An engineering method for calculating the directional properties of surface antennas not excited in phase is presented. The proposed method is more general than other methods for pattern calculations and it also considerably facilitates computations and provides a clearer picture of the physical phenomena. It is based on a single mathematical apparatus true for different distributions of phase distortions. The directional properties are examined both in the absence of phase distortions and in the presence of symmetrical (linear), asymmetrical cosinusoidal

Card 1/2

UDC: 621.396.677

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L 6398-66

ACC NR: AP5020924

(quadratic), and sinusoidal (cubic) phase distortions. Orig. art. has: 4 formulas.

SUB CODE: EC,MA/ SUBM DATE: 23Nov63/ ORIG REF: 003/ OTH REF: 001

OC
Card 2/2

L 63218-65 EWT(1)/EEC-h/T/FCS(k) WR

ACCESSION NR: AP5016073

UR/0108/65/020/006/0013/0019
621.396

17

B

AUTHOR: Shered'ko, Ye. Yu. (Active member)

TITLE: Radiation field of a logarithmic-elliptic single-spiral antenna

SOURCE: Radiotekhnika, v. 20, no. 6, 1965, 13-19

TOPIC TAGS: single spiral antenna, spiral antenna

ABSTRACT: Formulas are developed for calculating the radiation field of a single-spiral log-elliptic antenna. A traveling attenuating current wave is assumed to flow in the filamentary spiral. The general formula holds true for any spiral ellipticity and covers a number of particular cases when the conic spiral antenna degenerates into a flat spiral or into a zigzag tapering antenna. Functions akin to those of Anger and Lommel-Weber are introduced; they are tabulated to facilitate calculations. The method is claimed to be applicable to multispiral filamentary antennas and also to antennas carrying nontraveling-wave currents.
Orig. art. has: 4 figures and 53 formulas.

Cord 1/2

L 63218-65

ACCESSION NR: AP5016073

ASSOCIATION: Nauchno-tehnicheskoye obshchestvo radiotekhniki i elektronosvyazi
(Scientific and Technical Society of Radio Engineering and Electrocommunication)

SUBMITTED: 12Jul63

ENCL: 00

SUB CODE: EC

NO REF SOV: 002

OTHER: 000

dm
Card 2/2

SHERED'KO, Ye.Yu.

Calculation of the directional characteristics of surface antennas
with linear, squared, and cubic phase distortions. Izv. vys.
ucheb. zav.; radiotekh. 8 no.3:322-329 My-Je '65.
(MIRA 18:9)

ANUFRIYEV, I.; SHREGEDA, L.; ARSENI, M.

People are growing. Sov. profsoiuzy 17 no.19:27-29 9 '61.
(MIR 14:9)

1. Predsedatel' zavodskogo komiteta kishinevskogo zavoda "Vibropribor" (for Anufriyev).
2. Predsedatel' komiteta profsoyuza pal'yanometricheskogo tsekha zavoda "Vibropribor" (for Sheregeda).
3. Proffrupsorg slesarnofo uchastka mekhanicheskogo tsekha kishinevskogo zavoda "Vibropribor" (for Arseni).
(Kishinev--Instrument industry) (Trade unions)

YEREMEYEV, Leonid Matveyevich; SHEREGIN, Aleksandr Petrovich;
BOGOLEPOV, V.P., kontr-admiral, red.; TARSKIY, Yu.S.,
kapitan 2 ranga, red.; MEDNIKOVA, A.N., tekhn. red.

[Foreign submarines in the Second World War; operational
and statistical data from the Second World War] Podvodnye
lodki inostrannykh flotov vo vtoroi mirovoi voine; ope-
rativno-statisticheskie materialy po optyu vtoroi mirovoi
voiny. Pod obshchey red. V.P.Bogolepova. Moskva, Voen-
izdat, 1962. 445 p.

(World War, 1939-1945--Naval operations--
Submarine)

SHEREL', A.

If you want to be healthy. Sov. profsoiuzy 18 no.4:30-31
F '62. (MIRA 15:3)
(Kazan—Physical education and training)

Z/037/62/000/005-6/002/049
E140/E562

AUTHORS: Bleyvas, I.M., Lukoshkov, V.S., Mestechkin, Ya.I.,
Khomich, V.B., Sherel, L.A. and Shubin, L.V.

TITLE: The solution of problems in electron optics and high-
frequency electronics by means of mathematical models

PERIODICAL: Ceskoslovensky časopis pro fysiku, no.5-6, 1962,
439-446

TEXT: A two-dimensional model is described consisting of an
electrolytic tank and an analog computer for the solution of
problems with plane or axial symmetry. The system plots
automatically the electron trajectories on the basis of field
information obtained from probes in the tank. Among the problems
which have been treated by the machine are the trajectories of
electrons in the gap of the central resonator of a three-resonator
klystron, in a type-M carcinotron, in a plane magnetron and in an
electron gun taking into account space charge. The precision is
of the order of 0.5% to 1.5%. There are 10 figures.

ASSOCIATION: Výbor pro elektronovou techniku, Moskva
Card 1/1 (Committee for Electronic Engineering, Moscow)

BLEYVAS, I.M.; LUKOSHKO, V.S.; MESTECHKIN, Ya.I.; KHOMICH, V.B.; SHEREL', L.A.; SHUBIN, L.V.

Solution of problems in electron optics and superhigh frequency
electronics using mathematical modeling techniques. Radiotekh. i
elektron. 8 no.10:1764-1775 0 '63. (MIRA 16:10)

ACC NR: AP6028183

SOURCE CODE: UR/0416/66/000/006/0053/0057

AUTHOR: Sheremet, A. (Major general); Burlachuk, F. (Brigadier general)

ORG: None

TITLE: Ways and means for improving supply services

SOURCE: Tyl i snabzheniye sovetakikh vooruzhennykh sil, no. 6, 1966, 53-57

TOPIC TAGS: quartermaster equipment, supply system

ABSTRACT: After praising the leadership of the Communist Party and the achievements of the Soviet Armed Forces, the authors express their opinion on the possible improvements of supply activities. In this connection, it is recommended that more authority be given to the commanders of military units for hiring workers and spending money in accordance with local actual requirements rather than following the appropriation stipulations. More freedom in using collected funds and savings for local needs and improvements is also suggested. Some examples are cited. The food service must be better adapted to the soldiers taste, and a choice of dishes served for a meal in messes should be introduced. A wider use of canned food under field conditions is recommended. The existing trend toward the appropriation of funds instead of materials is considered to be a good solution especially for procuring various dinnerware and cookware. In connection with the maintenance and repair of kitchen equipment, it is suggested that the responsibility for

Card 1/2

SHEREMET, A., general-major

Unfailing attention must be given to the training of officers of
service troops. Tyl i snab.Sov.Voor.Sil 21 no.3:9-12 Mr '61.
(MIRA 14:6)

(Russia—Army—Officers)

SHTOKMAN, I.G., doktor tekhn.nauk; SHEREMET, A.A., inzh.

Belt-chain conveyor theory. Vop.rud. transp. no.4:92-98 '60.
(MIRA 14:3)

1. Dnepropetrovskiy gornyy institut im. Artema.
(Conveying machinery)

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CIA-RDP86-00513R001549220016-1

CHERENET, Anatolij Barilevich

752.21
\$51

OBOROTNAYA SLESTVA PREDVREMENNOGO PREDPRIYATIYA (WORKING CAPITAL OF INDUSTRIAL ENTERPRISES) MOSKVA, GOSFINTS, 1956. 61 p. TABLES.

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CIA-RDP86-00513R001549220016-1"

BAKANOV, M.I., prof.; TATUR, S.K., prof.; KOPNYAYEV, V.P.; MASSARYGIN,
F.S.; SHEREMET, A.D.; TIMOFEEV, S.P.; NEDELIN, S.I.; KONDRAT'YEVA,
A., red.; TELEGINA, T., tekhn.red.

[Course in the analysis of administrative operations] Kurs analiza
khoziaistvennoi deiatel'nosti. Moskva, Gosfinizdat, 1959. 480 p.
(MIRA 13:4)

(Industrial management)

TATUR, Sergey Kuz'mich, prof.; MASSARYGIN, Fedor Sergeyevich, dotsent;
SHEREMET, Anatoliy Denilovich, kand.ekonom.nauk; KHROMOVA, Ye.A.,
red.; YERMAKOV, M.S., tekhn.red.

[Analysis of the administrative operations of socialist industrial
enterprises; concise course] Analiz khozisiatvennoi deiatel'nosti
sotsialisticheskikh promyshlennnykh predpriatii; kratkii kurs.
Pod red. S.K.Tatura. Izd.2. Moskva, Izd-vo Mosk.univ., 1960.
186 p. (MIRA 13:12)

(Finance) (Industrial management)

Sheremet, Anatoliy Danilovich

Osnovy Analiza Ekonomiki Promyshlennogo Predpriyatiya. Moskva, Izd-vo Moskovskogo Universiteta, 1961.

90 p. Charts, Tables.

Bibliographical footnotes.

SHEREMET, Anatoliy Danilovich, kand.ekonom.nauk; KANTER, A.I., red.;
SAVCHENKO, Ye.V., tekhn.red.

[What forms the unit costs of industrial production] Iz chego
skladivaetsia sebestoimost' promyshlennoi produktsii. Moskva,
Izd-vo "Znanie" Vses. ob-va po raspr. polit. i nauchn.znanii, 1961.
37 p. (Narodnyi universitet kul'tury, no.4). (MIRA 14:7)
(Costs, Industrial)

SHEREMET, Anatoliy Danilovich; TATUR, S.K., prof., otv. red.; YEFIMOV, O.S.,
red.; LAZAREVA, A.V., tekhn. red.

[Analytical principles of the economics of an industrial enterprise;
an aid to students of applied economics] Osnovy analiza ekonomiki pro-
myshlennogo predpriatiia; v pomoshch' izuchaiushchim konkretnuiu eko-
nomiku. Moskva, Izd-vo Mosk. univ., 1961. 90 p. (MIRA 14:11)
(Chemical industries--Accounting)

SHEREMET, Anatoliy Danilovich, kand. ekonom. nauk; LEONT'YEV, L.A., red.;
MYASOYEDOV, B., red.; SHLYK, M., tekhn. red.

[How the profit of an enterprise is used] Poriadok ispol'zovaniia
pribyli predpriatiia. Pod obshchei red. L.A.Leont'eva. Moskva,
Mosk. rabochii, 1961. 50 p. (MIRA 14:12)

1. Chlen-korrespondent AN SSSR (for Leont'yev).
(Profit) (Industrial management)

LAMYKIN, Ivan Alekseyevich, dets.; SHEREMET, Anatoliy Danilovich,
dets.; GUREVICH, N.A., red.

[Analysis of the economics of socialist enterprises] Analiz
ekonomiki sotsialisticheskikh predpriiatii. Moscow, Izd-vo
Nauk. univ., 1974. 121 p.

("IKA 77")

AKHIEVA, G.A.; MATYUSHEV, S.P.; OKHLL, N.I.; SHEREMET, A.G.

Coagulation of aqueous solutions of potassium silicate in the
presence of aluminate. Dokl. M.I. 5 no. 1/2:341-143 '63.
(MIRA 17:6)

14-57-7-15354

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 7,
p 180 (USSR)

AUTHOR: Sheremet, A.I.

TITLE: Prospects for Horticultural Development and Means
for Increasing Fruit-Tree Yield (Perspektivy
razvitiya sadovodstva i puti povysheniya urozhaynosti
plodovykh nasazhdeniy)

PERIODICAL: V sb: Vopr. razvitiya s. kh. Poles'ya. Kiyev, AN
UkrSSR, 1956 (1957), pp 187-191

ABSTRACT: The author proposes a large number of agrotechnical
measures for improving horticulture, which is the
weakest branch in the agriculture of Ukrainian
Poles'ye.

Card 1/1

No name

AUTHOR: Sheremet , A.V.

SOV/68-58-11-20/25

TITLE: In the Coking Plant of the Kuznetsk Metallurgical Combine (V Koksokhimicheskom tsekhe Kuznetskogo metallurgicheskogo kombinata)

PERIODICAL: Koks i Khimiya, 1958, Nr 11, p 56 (USSR)

ABSTRACT: Some 14 steps and phases of the development project carried out at the plant are enumerated.

Card 1/1

AUTHOR: Sheremet, A.V.

SOV/68-58-12-6/25

TITLE: Automation of Heating Coke Ovens (Avtomatizatsiya
obograva koksowykh pechey)

PERIODICAL: Koks i Khimiya, 1958, Nr 12, pp 21-23 (USSR)

ABSTRACT: An outline of principles of an automatic control system for maintaining the amount of heat supplied for heating coke oven batteries in the Kuznetsk Works on a constant level is given. Coke ovens are heated with a mixture of blast furnace and coke oven gas, whereupon the proportion of heat supplied by blast furnace gas amounts to 80-90% of the total. Up to 1957 the amount of heat supplied for heating was manually controlled by variations in the additions of coke oven gas in accordance with the calculated corrections (Table). A partial automation of the control of this addition, namely corrections for variations in the temperature of the blast furnace gas, has been in operation for some time and the second stage i.e. automatic correction for variations in the calorific value of coke oven gas is being tested. The system consists of the following apparatus: 1) hydraulic

Card 1/3

Automation of Heating Coke Ovens

SOV/68-58-12-6/25

controller of pressure of blast furnace gas which maintains its supply to ovens at a constant level; 2) hydraulic controllers of the amount of coke oven gas (one for each side of the battery); 3) electronic correcting instruments. Each instrument consists of a calculating system continuously solving the following relationship:

$$V_{c.o.g.} = A \frac{V_{b.f.g.} K_t K_{20} . K_{960}}{4270} \text{ m}^3/\text{hr}$$

where: A - proportions of coke oven gas supplied to coke and pusher sides of the batteries; K₂₀ and K_t - correction coefficients for the temperature of blast furnace gas; K_{b.f.} and K₉₆₀ - coefficients for the calorific value of blast furnace gas; 4270 mean calorific value of coke oven gas. The electronic correcting instrument changes the supply of coke oven gas separately for pusher and coke sides at a predetermined proportion (according to coefficient A). The use of the system somewhat

Card 2/3

Automation of Heating Coke Ovens

SOV/68-58-12-6/25

decreased heat consumption for coking, e.g. for Nr 1
battery from yearly average of 719 to 698 cal/kg and
for Nr 2 battery from 725 to 690 cal/kg.

There is 1. table.

ASSOCIATION: Kuznetskiy metallurgicheskiy kombinat
(Kuznetsk Metallurgical Combine)

Card 3/3

SHERKMET, B.F.

Attachment for milling flats. Stan.i instr. 32 no.2:34 F '61.
(MIRA 14:2)
(Milling machines--Attachments)

SHEREMET, B.F.

Additional headstock for grinding pinion ends on a circular
grinding machine. Stan.i instr. 33 no.3:45 Mr '62.
(MIRA 15:2)

(Grinding machines--Attachments)

VAYSMAN, L.N.; SHEREMET, B.F.

Two-spindle head for a vertical drilling machine. Stan.i instr.
33 no.7:38 Jl '62. (MIRA 15:7)
(Drilling and boring machinery)

SHEREMET, B.F.

Attachment for grinding clutch cams on a slot-grinding machine.
Stan. i instr. 33 no.11:40-41 N '62. (MIRA 15:11)
(Grinding machines--Attachments)

SHEREMET, B.F.

Supplementary head for the face polishing of gear wheels
on the cylinder-and-cone grinding machine. Ratsionalizatsiia
no.6:25 '62.

SHEREMET, B.F.

Boring bars for boring grooves in holes of body parts. Stan.i instr.
34 no.2:42-43 F '63. (MIRA 16:5)
(Drilling and boring machinery)

SHEREMET, B.F.; SKUPNIK, Zh.E.

Expanding engineering potentialities of semiautomatic milling
and centering machines. Stan.i instr. 34 no.4:35-36 Ap '63.
(MIRA 16:3)

(Milling machines)

SHEREMET, B.F.

Attachment for machining internal cams with a face counterbore.
Stan.1 instr. 34 no.7:37 J1 '63. (MIRA 16:9)
(Drilling and boring machinery--Attachments)

VZNUZDAYEV, N.A.; KAPACHEVSKIY, L.O.; Prinimali uchastiye: LIKHTMAKHER,
S.N.; GRACHEV, A.V.; STEFIN, V.V.; DEMBO, A.T.; SHEREMET, B.V.

Hydrophysical properties and water balance of forest soils in
the central Kamchatka Valley. Pochvovedeni~~n~~ no.10:30-43 0 '61.
(MIRA 14:9)

1. Laboratoriya lesovedeniya AN SSSR.
(Kamchatka Valley--Forest soils)

SHEREMET, B.V.

Trace element content of soils in the central Kamchatka
Depressions. Nauch. dokl. vys. shkoly; biol. nauki no. 2:
191-195 '64. (MIRA 17:5)

1. Rekomendovana kafedroy geografii pochv Moskovskogo
gosudarstvennogo universiteta im.M.V.Lomonosova.

1. SHEREMET, F. S.
2. USSR (600)
4. School Gardens
7. Educational significance of work in the school garden., Est.v shkole, No.6, 1952
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

CATEGORY : Farm Animals.
General Problems.

ABC. JOUR. : RZhBiol., No. 3 1959, No. 11953

AUTHOR : Chershnyia, S. M.; Sheremet, G. M.

JOUR. : -

TITLE : Feed Piglets and Calves with Acidophil Mash.

ORIG. PUB. : Sots. tvorinnitstvo, 1958, No 6, 30

ABSTRACT : No abstract.

CARD:

1/1

SHERENET, I., agronom

For 80 centners of corn to the hectare ! Nauka i pered.op.v
sel'khoz. 9 no.12:9 D '59. (MIRA 13:4)

1.Kolkhoz imeni Frunze, Kupyanskogo rayona, Khar'kovskoy oblasti.
(Kupyansk District-- Corn (Maize))

SHEREMET, Ivan Afans'evich

[Care of the orchard] Dohliad za sadom. Kyiv, Derzh.vyd-vo sil's'ko-hospodarskoi lit-ry URSR, 1956. 118 p.
(MLRA 10:4)
(Ukraine--Fruit culture)

SHEREMET, I.A.; BORSUK, I.I.

Conveyor galleries of bent corrugated asbestos cement sheets.
Prom.stroi. 41 no.3:38-39 Mr '64. (MIRA 17:3)

1. Trest Donkoksokhimstroy.

SHEREMET, I.V., kand.med.nauk

Treatment of patients with hypertension under polyclinic conditions.
Sov.med. 24 no.1:94-95 Ja '60. (MIRA 13:5)

1. Iz polikliniki No.37 (glavnnyy vrach V.A. Demidov) Frunzenskogo
rayona Leningrada.

(HYPERTENSION therapy)

(OXYGEN therapy)

(TETRAETHYLAMMONIUM therapy)

(FROCAINE therapy)

SHEREMET, I.V., kand.med.nauk

Oxygenation as a method in treating burns. Sov. med. 25 no.3: 122-123
126 Mr '61. (MIRA 14:3)

1. Iz polikliniki No.37 Frunzenskogo rayona (glavnnyy vrach V.A.
Demidov) Leningrada.
(BURNS AND SCALDS) (OXYGEN--THERAPEUTIC USE)

KOCHETOV, S.P., agronom po zashchite rasteniy (Ivanteyevka, Moskovskoy obl.);
SHERMET, I.V., agronom-entomolog

Eliminate focuses of pests and pathogenic agents. Zashch.rast.
ot vred.i bol. 7 no.6:10-11 Je '62. (MIRA 15:12)

1. Kolkhoz imeni Frunze, Kupenskogo rayona, Khar'kovskoy obl.
(for Sheremet).

(Moscow Province—Fruit—Diseases and pests)
(Kharkov Province—Fruit—Diseases and pests)

ZHEGALIN, I.K.; PUSTYGIN, A.A., glav. agronom; SPODENYUK, N.I.; BYKOV, N.I.; REDIN, P.N., glav. agronom; LOGVIN, N.P., Geroy Sozialisticheskogo Truda; GUSEV, I.D.; PETROV, S.N.; VLASOV, A.N., glav. zootekhnik; SHEREMET, L.D., glav. bukhgalter; SKAKUNOV, N.V., glav. inzh.; SHUMILIN, V.S., glav. inzh.; CHERNORUBASHKIN, N.A., kombayner; DRYABO, N.Ye.; ZABNEV, V.F., redaktor; SHIROKOV, B.G.; SHEPELEV, M.A.; LEONOVA, T.S.; SAYTANIDI, L.D., tekhn. red.

[Hundred million poods of grain from Stalingrad Province] 100 milionov pudov stalingradskogo khleba. Moskva, Izd-vb M-va sel's.khoz. RSFSR, 1960. 133 p.

(MIRA 14:9)

1. Pervyy sekretar' Stalingradskogo oblastnogo komiteta Kommunisticheskoy partii Sovetskogo Soyuza (for Zhegalin).
2. Oblastnoye upravleniye sel'skogo khozyaystva Stalingradskoy oblasti (for Pustygin).
3. Nekhayevskiy rayonnyy komitet Kommunisticheskoy partii Sovetskogo Soyuza (for Spodenyuk).
4. Nachal'nik Kotel'nikovskoy rayonnoy sel'skokhozyaystvennoy inspeksi, Krayniy Yugo-vostok (for Bykov).
5. Kolkhoz "Deminskiy" Novo-Annenskogo rayona, Stalingradskoy oblasti (for Redin).
6. Predsedatel' kolkhoza "Zavety Il'icha" Kalininskogo rayona (for Logvin).
7. Nachal'nik Novo-Annenskoy rayonnoy sel'skokhozyaystvennoy inspeksi (for Gusev).
8. Direktor sovkhoza imeni Frunze Serafimovichskogo rayona Stalingradskoy oblasti (for Petrov).
9. Stalingradskoys oblastnoye upravleniye sel'skogo khozyaystva (for Vlasov).
10. Sovkhoz "Dinamo" Nekhayevskogo rayona Stalingradskoy oblasti (for Sheremet).

(Continued on next card)

ZHEGALIN, I.K.— (continued) Card 2.

11. Oblastnoye upravleniye sel'skogo khozyaystva Stalingradskoy oblasti (for Skakunov). 12. Sovkhoz "Verkhne-Buzinovskiy" Stalingradskoy oblasti (for Shumilin). 13. Otdeleniye No.6 sovkhoza "Serebryakovskiy" Mikhaylovskogo rayona Stalingradskoy oblasti (for Chernorubashkin). 14. Zven'yevoy kolkhoza imeni Lenina Zhirnovskogo rayona Stalingradskoy oblasti (for Dryabo). 15. Danilovskaya rayonnaya gazeta "Kolkhoznoye znamya" Stalingradskoy oblasti (for Zabnev). 16. Zametitel' predsedatelya oblastnogo ispolnitel'nogo komiteta Stalingradskoy oblasti (for Shirokov).

(Volgograd Province—Grain)

POMAZKOV, Yu.I., mladshiy nauchnyy sotrudnik; DUBINEVICH, B.N., starshiy nauchnyy sotrudnik (Mironovka, Kiyevskoy obl.); BLAGOVESHCHENSKAYA, V.S., agronom; BUGAYEV, I.D.; KULESHOV, L.A.; SHEREMET, I.V.; KONDAKOV, N.

Following up our articles. Zashch. rast. ot vred. i bol. 7 no.11: 18-19 N '62. (MIRA 16:7)

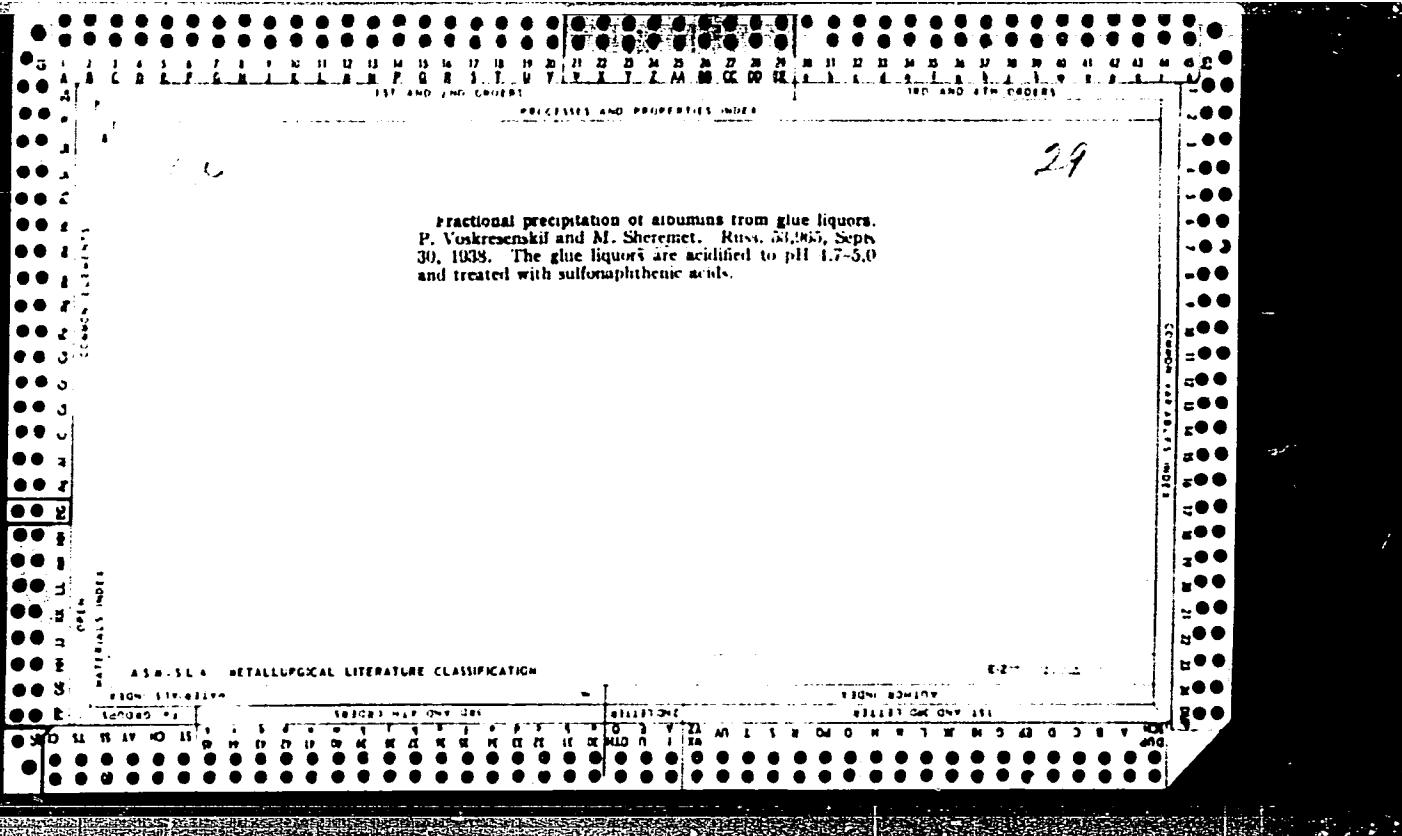
1. Institut sadovodstva nechernozemnoy polosy (for Pomazkov). 2. Pochinkovskoye territorial'noye proizvodstvennoye upravleniye, Gor'kovskaya oblast' (for Blagoveshchenskaya). 3. Starshiy agronom Shatrovskogo otryada po bor'be s vreditelyami i boleznyami sel'skokhozaystvennykh rasteniy (for Bugayev). 4. Nachal'nik Gomel'skogo otryada po bor'be s vreditelyami i boleznyami sel'skokhozyastvennykh rasteniy (for Kuleshov). 5. Agronom po zashchite rasteniy sel'skokhozyastvennoy arteli imeni Frunze, Kupenskogo rayona, Khar'kovskoy oblasti (for Sheremet). 6. Nachal'nik Chuvashskoy respublikanskoy stantsii zashchity rasteniy (for Kondakov).

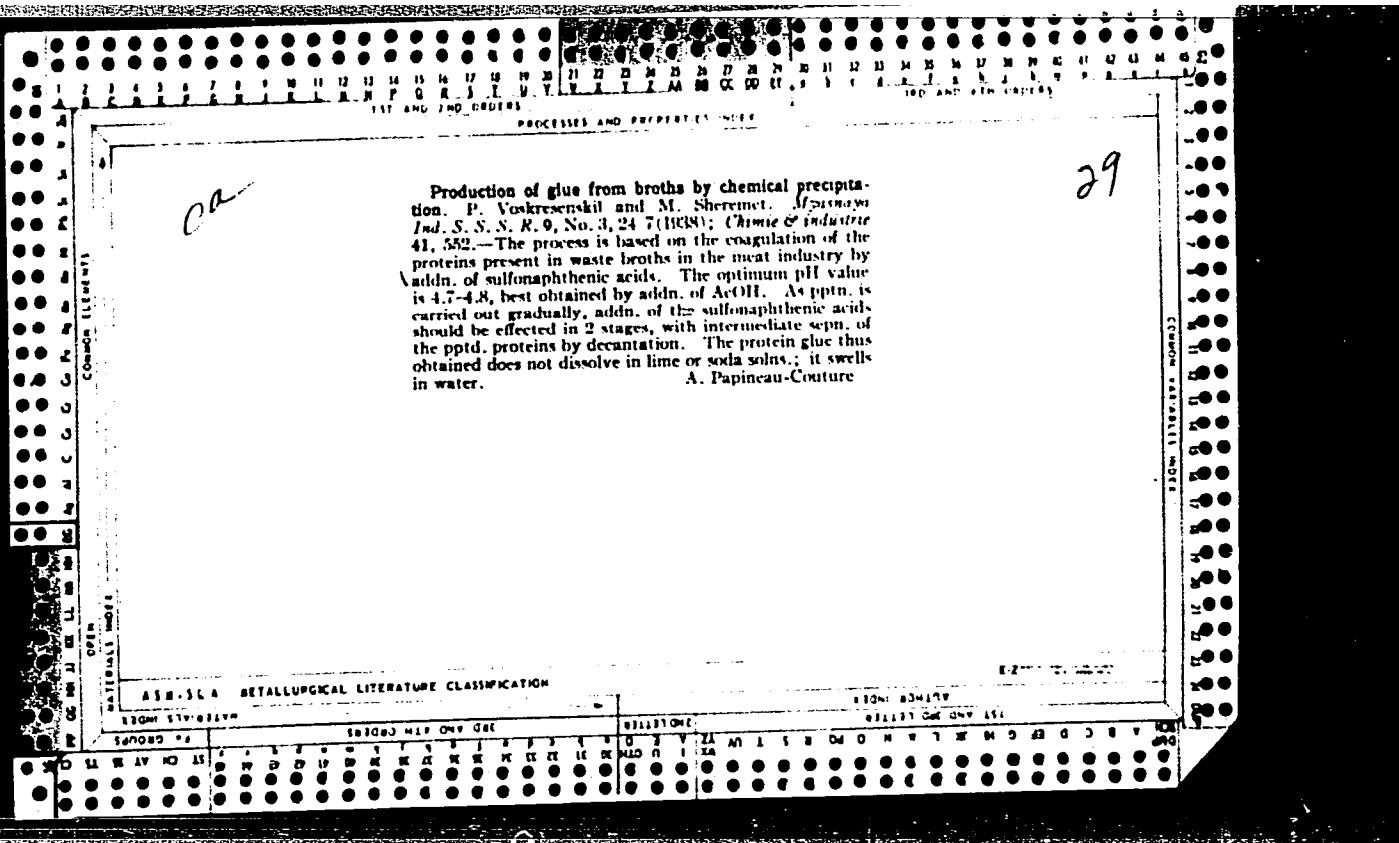
SHEREMET, M., general-mayor

Forced crossing of water barriers from the march. Voen. vest.
41 no.5:32-35 My '61. (MIRA 14:8)
(Stream crossing, Military)

YEVTYUKHIN, I.Ye.; SHEREMET, M.I.; OKUNEV, Yu.K., podpolkovnik, red.;
KRASAVINA, A.M., tekhn.red.

[Maintaining motortrucks in operating conditions] Podgotovka
avtomobilia k reisu i obsluzhivani& ego v puti. Moskva, Voen.
izd-vo M-va obor.SSSR, 1960. 45 p. (MIRA 13-9)
(Motortrucks--Maintenance and repair)





the physical-chemical changes taking place in "contact glue" on standing. P. Voskresenski and M. Sheremet. Myzennaya Ind. 1939, No. 7, 33-73 Khim. Rejord. Zhur.

1939, No. 12, 111.—"Contact glue," produced by the Moscow Meat Association, is supposed to be a sulphonaphthalenic deriv. of proteins. Samples stored at 17 to 25° and at 25 to 31° decreased in % as a result of the influence of temp. and of the mold which appears on standing. The pH is displaced to the alk. side on standing owing to the activity of the mold and it increases with the temp. of standing. Increase of the ammonium N is directly proportional to the temp. of storing. The gluing properties of "contact glue" improve on keeping in a frozen state. Under widely differing storage conditions the strength of the adhesive increases during the first 2-3 months, then decreases in proportion to the temp. The content of water regardless of the temp. decreases noticeably at the beginning. This is followed by a uniform decrease and finally a fairly const. relation between the final and the initial moisture contents (equal to 0.01) is established. W. R. Henn

Objective method for determination of the liming stage
of gelatin stock. R. Gorodetskaya, M. Sheremet, M.
Shakhnazarova, D. Vinik, V. Smirnova, and R. Isaakova.
Mysnaya Ind. S.S.R. 25, No. 5, 52-4(1954).—The
procedure for detg. the status of the liming of gelatin stock is
based on extg. a sample and detg. extd. gelatin colorimetrically
by means of the biuret reaction. Results are given for
extractable gelatin in bone stock at 5-day intervals for 40
days of liming. Total extractable gelatin is detd. for vari-
ous bones and other gelatin stock. M. M. Piskur

SEMENIDO, Ye., doktor tekhn. nauk; MILYUTIKOV, Yu., kand. tekhn. nauk;
SHCHEGOLEV, N., kand. khimicheskikh nauk; RUNENKOV, A., inzh.;
SHEREMET, M., inzh.; SOZONTOV, Yu., inzh.

All-year oil for diesel engines. Avt. transp. 43 no.4:19-22
(MIRA 18:5)
Ap '65.

GORODETSKAYA, R.V., kandidat khimicheskikh nauk; SHAKHNAZAROVA, M.Sh.,
mladshiy nauchnyy sotrudnik; SHEREMET, M.V.; VIRNIK, D.I.;
SMIRNOVA, V.Ye.; YESAKOVA, R.

Reducing losses in gelatin production. Trudy VNIIMP no.7:108-113
'55. (MLRA 9:8)

1. Vsesoyuznyy nauchno-issledovatel'dkiy institut myasnoy promyshlennosti (for Gorodetskaya, Shakhnazarova, Sheremet); 2. Moskovskiy zhelatinovyy zavod (for Virnik, Smirnova, Yesakova).
(Gelatin)

GORODETSKAYA, R.V., kandidat khimicheskikh nauk; SHAKHNAZAROVA, M.Sh.,
mladshiy nauchnyy sotrudnik; SHEREMET, K.Y.; VIRNIK, D.I.;
SMIRNOVA, V.Ye.; YESAKOVA, R.

Methods of determining the degree of liming in gelatigenous tissues.
Trudy VNIIMP no.7:114-122 '55. (MLRA 9:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promy-
shlennosti (for Gorodetskaya, Shakhnazarova, Sheremet); 2. Moskov-
skiy zhelatinovyy zavod (for Virnik, Smirnova, Yesakova).
(Gelating)

SHPAK, M.T.; SOLOV'YEV, A.V. [Solovyov, A.V.]; SHEREMET, N.I.;
DMITRENKO, I.P. [Dmytenko, O.P.]

Spectra investigation of chemical transformations in crystalline
triphenylmethane. Ukr.fiz.zhur. 7 no.4:422-429 Ap '62.
(MIRA 15:8)

1. Institut fiziki AN UkrSSR, g. Kiyev.
(Methane) (Chemical reactions)

SHPAK, M.T.; SOLOV'YEV, A.V.; SHEREMET, N.I.

Nature of the luminescence spectra of crystalline benzene at low
temperatures. Opt.i spektr. 13 no.5:694-700 N '62.
(MIRA 15:12)
(Benzene crystals--Spectra)

SHPAK, M.T.; SOLOV'YEV, A.V.; SHEREMET, N.I.

Luminescence of crystalline benzene. Izv.AN SSSR.Ser.fiz. 27
no.4:510-511 Ap '63. (MIRA 16:4)

1. Institut fiziki AN UkrSSR.
(Benzene crystals—Spectra)

L 11169-63 EPF(c)/EPR/EWP(j)/EWT(l)/EWT(m)/BDS/EEC(b)-2--AFFTC/ASD/SSD--
Pr-l/Ps-l/Pc-l--IJP(C)/RM/WW

ACCESSION NR: AP3002792

S/0051/63/014/006/0816/0819

AUTHOR: Shpak, M. T.; Sheremet, N. I.

TITLE: On the nature of the luminescence of crystalline anthracene at low temperatures

SOURCE: Optika i spektroskopiya, v. 14, no. 6, 1963, 816-819

TOPIC TAGS: anthracene, luminescence

ABSTRACT: Although there have been many investigations of the luminescence of anthracene, the nature of its luminescence is still obscure. It has been shown that the luminescence at low temperatures is not due to radiative annihilation of excitons in the main lattice. On the other hand, it has also recently been shown that the luminescence spectra of naphthalene and benzene have certain characteristics that may be associated with exciton effects and that should be exhibited by other molecular crystals. The paper gives the results of investigation of the luminescence of zone refined (40 zone) crystal anthracene in polarized light at 20.4, 77 and 290°K. Excitation was realized by the light from a DRSh-250 mercury discharge tube, passing through a Woods filter; the spectra were observed by ISP-22 and DFS-13 spectrographs. The spectra along two crystal axes are reproduced and

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L 11169-63
ACCESSION NR: AP3002792

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described. Analysis of the luminescence data in conjunction with the literature data on the absorption spectrum shows that the first bands of both components partially overlap which indicates that they correspond to pure electronic transitions from exciton bands in the crystal. This is substantiated by the temperature dependence of the intensity and width of these bands. Three other groups of bands were distinguished in the luminescence spectrum at 20.4°K: one is attributed to an impurity; the second is associated with transitions in distorted host molecules located near lattice defects; the third is tentatively attributed to transitions from the lowest exciton band to a set of ground-state electronic-vibrational levels. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 10Dec62

DATE ACQD: 15Jul63

ENCL: 00

SUB CODE: 00

NO REF SOV: O11

OTHER: 005

1b/wm

Card 2/2

L 38483-66 EWT(m)/EWP(j) IJP(c) RM/JW/FDN

ACC NR: AR6017246

SOURCE CODE: UR/0058/65/000/012/D042/D042

AUTHOR: Vatulev, V. N.; Sheremet, N. I.; Shpak, M. T.46
BTITLE: Spectral investigation of crystalline benzene at low temperatures¹

SOURCE: Ref. zh. Fizika, Abs. 12D350

REF SOURCE: Tr. Komis. po spektroskopii. AN SSSR, t. 3, vyp. 1, 1964,
468-472

TOPIC TAGS: absorption spectrum, luminescence spectrum, exciton zone, crystalline benzene

ABSTRACT: The luminescence and absorption spectra of crystalline benzene were investigated at 20.4 and 4.2K. The temperature relationships in luminescence spectra were evaluated. Preliminary information on the structure of benzene exciton zones, including their width and effective-mass characteristics, were obtained on the basis of a qualitative analysis of the shape of bands corresponding to transitions from the exciton zones to the basic vibration level. [Translation of abstract] [KP]

SUB CODE: 20/ SUBM DATE: none/

Card // pb

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549220016-1

VATCEV, V.N.; SHEREMET, N.I.; SHPAK, M.T.

Luminescence of benzene at low temperatures. Opt. i spektr.
16 no. 4:577-586 Ap '64. (MIRA 17:5)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549220016-1"

SHPAK, M.T.; SHEREMET, N.I.

Luminescence of crystalline anthracene. Opt. i spektr. 17 no.5:
694-704 N '64. (MIRA 1":12)

NERETIN, V.Ya., st. nauchn. sotr., red.; GRINAVTSEVA, V.P., red.;
GOROKHOVA, N.A., red.; SHEREMET, S.I., red.; OSTROVSKAYA,
L.M., red.

[Progress in the diagnosis and treatment of nervous diseases;
transactions of the Institute] Uspekhi v diagnostike i leche-
niu nervnykh zabolеваний; trudy instituta. Pod red. V.IA.
Neretina.. Moskva, 1963. 358 p. (MIRA 17:6)

1. Moscow. Oblastnoy nauchno-issledovatel'skiy institut.

CHERNOV, G.A.; SHEREMET, S.I.; YENSKAYA, R.V.

Effect of irradiation on the permeability of blood vessels and
on the mucopolysaccharide and serotonin level in the blood.
Med. rad. 9 no.2:58-62 D '64.

(MIR 18:12)

1. Radiobiologicheskaya laboratoriya (zav. - prof. M.O.
Raushenbakh) Tsentral'nogo ordena Leningra instituta geratologii
i pereliveniya krovi Ministerstva zdraveotkraniya RSFSR,
Moskva.

SHEREMET, Vasiliy Alekseyevich; SMIRNOV, Vyacheslav Nilovich; PAVLOVICH, Pavel Modestovich; KUZMINSEV, V.N., inzh., retsenzent; YEMEL'YANOV, L.V., inzh., red.; TIKHANOV, A.Ya., tekhn. red.

[Mechanisms, devices and auxiliary equipment for forging and die-stamping processes; an album] Mekhanizmy, prisposobleniya i sredstva mekhanizatsii kuznechno-pressovogo proizvodstva; al'bom. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 93 p.

(MIRA 14:6)

(Forging machinery) (Sheet metal working machinery)

SHEREMET, V.G.

Weed control during fall tillage. Zemledelie 24 no. 8:85 Ag '62.
(MIRA 15:9)

1. Vostochno-Kazakhstanskaya oblastnaya gosudarstvennyya
sel'skokhozyaystvennaya optytnaya stantsiya.
(East Kazakhstan Province—Weed control)

ACC NR: AP6029807

(N)

SOURCE CODE: UR/0229/66/000/007/0035/0039

44

AUTHOR: Sheremet, V. P.

ORG: none

TITLE: A unified semiconductor device for automatic distribution of active power

SOURCE: Sudostroyeniye, no. 7, 1966, 35-39

TOPIC TAGS: transistorized circuit, pulse transformer, pulse shaper, electric distribution equipment, servomotor, reliability / SL281 servomotor

ABSTRACT: A unified device for distributing active power to marine generators is described. The device, using the principle of proportional pulse control and semiconductor elements, has three independent units: an active-power pickup (see Fig. 1); a pulse converter, and an output amplifier. The circuit is triggered by a power level determined in the effective area of the sloping front of the master pulses according to a power-mismatch signal. The pulse converter consists of a multivibrator, a pulse shaper, and an intermediate amplifier. The device is distinguished from other circuits with contact elements or magnetic amplifiers in that it has a high response speed, inertialess operation, and high reliability with protection from false response. The pulse repetition rate is determined by the nature of the control and can be from 0.2 to 1 cps. The device ensures width modulation of the output pulses from 0.05 to 0.5 of their repetition rate. The distribution accuracy was found to be not less

Card 1/2

UDC: 629.12.-83-52

MAZAROV, I.N.; SHEREMETIEVA, T.V.; KHUGLIKHOVA, R.I.

Heterocyclic compounds. Part 45. 1-carboxyalkyl-2,5-dimethyl-
-cyclopentenone. Zhur. obshch. khim. 26 no.12 3510-3515 D '56. (MLRA 10:7)

I. Moskovskiy institut tekhnicheskoy tekhnologii imeni
N.V. Lenonosova.
(Piperitone)

SHEREMET'YEVA, T. V.

Distr: 4E4j/4E2c(j)
✓Synthesis and polymerization of *p*-*tert*-butylphenyl
methacrylate. T. M. M. Koton, T. V. Sheremet'eva,
and M. G. Zhenyavskaya (High Polymer Distr., Leningrad).
Izvest. Akad. Nauk S.S.R. Otdel. Khim. Nauk 1957,
826-7.—*p*-Me₃C₆H₄OH with CH₃CMe-COCl gave *p*-
Me₃C₆H₄O₂CCMe·CH₃, b. 131–2°, m. 34.5–5°. This
was polymerized under N with 0.1–5% Pb₂O₃ at 60–120°
over 4 days. The product is a glassy solid polymer ob-
tained in 90% yield with 10% low polymer. The ester
polymerizes much more rapidly than does CH₃CMeCO₂Me
(kinetic curves shown). The considerable residual mono-
mer and low polymer formed in polymerization of this ester
is ascribed to steric hindrance produced by the Me₃C group.
G. M. Kosolapoff

PM

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11